

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111524\
 Data File : BN035130.D
 Acq On : 16 Nov 2024 06:14
 Operator : RC/JU
 Sample : PB164841BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS841

Quant Time: Nov 18 00:22:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 00:41:17 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.550	152	2893	0.400	ng/ul	0.00
4) Naphthalene-d8	10.311	136	7664	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.185	164	6245	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.937	188	15044	0.400	ng/ul	0.00
17) Chrysene-d12	21.134	240	11212	0.400	ng/ul	# 0.00
23) Perylene-d12	23.296	264	9956	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	2169	0.788	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.906	152	5933	0.505	ng/ul	-0.01
18) Fluoranthene-d10	18.967	212	17677	0.614	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.170	88	5906	1.958	ng/ul#	90
5) Naphthalene	10.361	128	8365	0.436	ng/ul	98
7) 2-Methylnaphthalene	11.983	142	6307	0.441	ng/ul	100
8) 1-Methylnaphthalene	12.203	142	7346	0.511	ng/ul	99
10) Acenaphthylene	13.898	152	10670	0.418	ng/ul	99
11) Acenaphthene	14.249	153	8187	0.423	ng/ul	98
12) Fluorene	15.240	166	10096	0.410	ng/ul	99
14) Pentachlorophenol	16.591	266	2323	0.668	ng/ul	97
15) Phenanthrene	16.975	178	17193	0.428	ng/ul	99
16) Anthracene	17.068	178	15917	0.421	ng/ul	98
19) Fluoranthene	19.000	202	20220	0.540	ng/ul#	96
20) Pyrene	19.362	202	20624	0.531	ng/ul#	96
21) Benzo(a)anthracene	21.116	228	17350	0.427	ng/ul	100
22) Chrysene	21.169	228	17288	0.417	ng/ul	99
24) Benzo(b)fluoranthene	22.653	252	15129	0.432	ng/ul	96
25) Benzo(k)fluoranthene	22.694	252	15667	0.428	ng/ul#	96
26) Benzo(a)pyrene	23.200	252	13812	0.442	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.443	276	17050	0.446	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.460	278	13287	0.446	ng/ul#	97
29) Benzo(g,h,i)perylene	26.094	276	13296	0.455	ng/ul#	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

BNA N

ClientSampleId :
SLCS841

Abundance

TIC: BN035130.D\data.ms

Time-->

1,4-Dioxane

1,4-Dichlorobenzene-d4,l

Naphthalene

2-Methylnaphthalene-d10,SURR

Acenaphthylene

Acenaphthene-d10,l

Fluorene

Pentachlorophenol

Phenanthrene-d10,l

Anthracene

Phenanthrene

Fluoranthene-d10,SURR

Pyrene

Fluoranthene, C

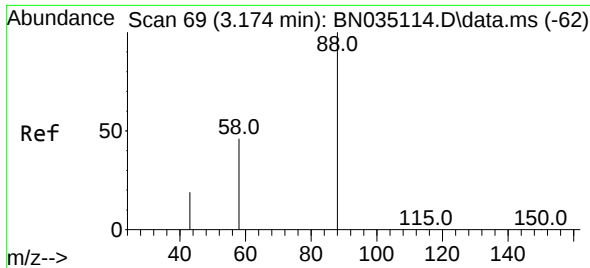
Chrysene-d12

Benzo(a)fluoranthene

Benzo(a)pyrene, C

Indeno(1,2,3-cd)pyrene

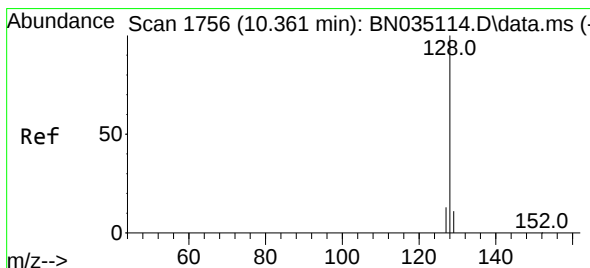
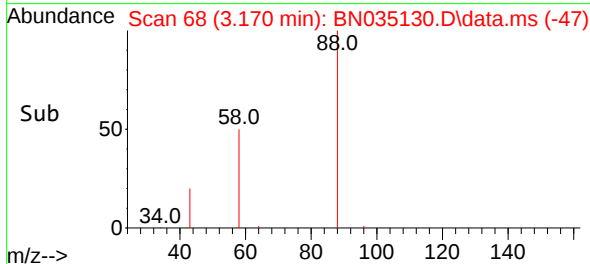
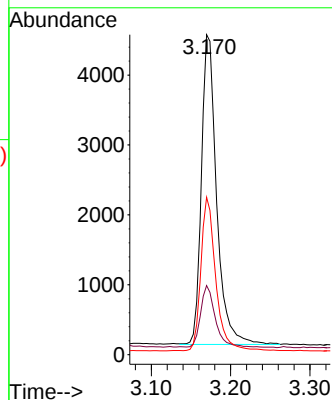
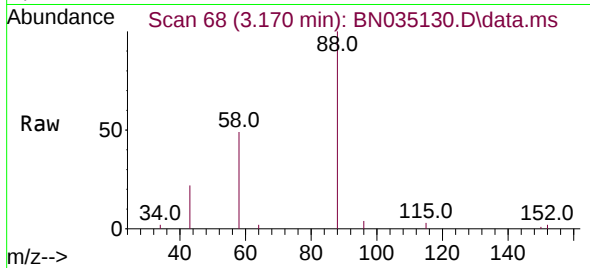
Benzo(g,h,i)perylene



#2
1,4-Dioxane
Concen: 1.958 ng/ul
RT: 3.170 min Scan# 61
Delta R.T. -0.013 min
Lab File: BN035130.D
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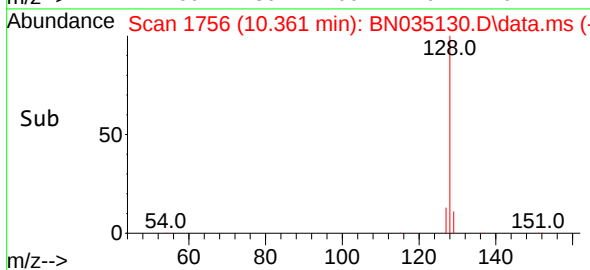
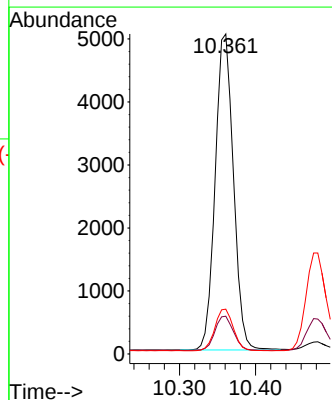
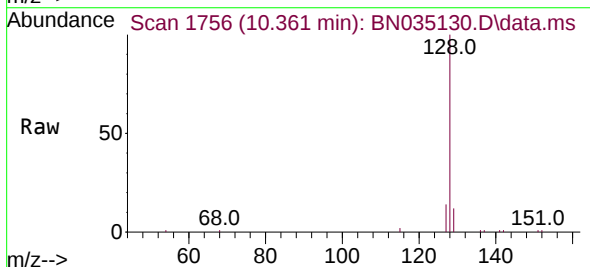
Instrument :
BNA_N
ClientSampleId :
SLCS841

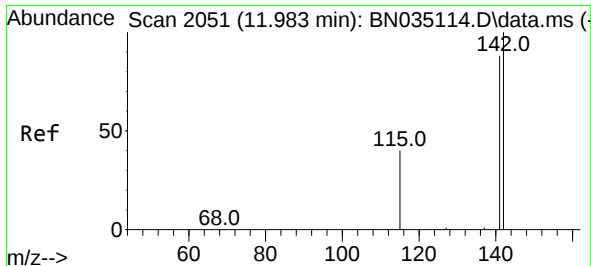
Tgt Ion: 88 Resp: 5906
Ion Ratio Lower Upper
88 100
43 21.6 23.3 34.9#
58 49.2 35.4 53.2



#5
Naphthalene
Concen: 0.436 ng/ul
RT: 10.361 min Scan# 1756
Delta R.T. -0.011 min
Lab File: BN035130.D
Acq: 16 Nov 2024 06:14

Tgt Ion:128 Resp: 8365
Ion Ratio Lower Upper
128 100
129 11.8 10.1 15.1
127 14.0 12.1 18.1

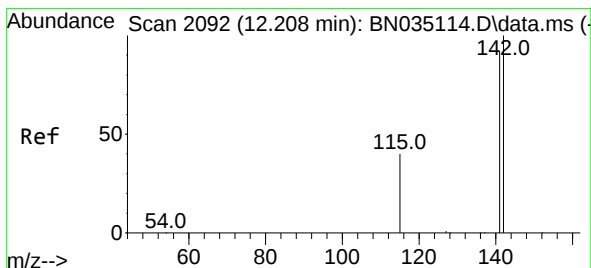
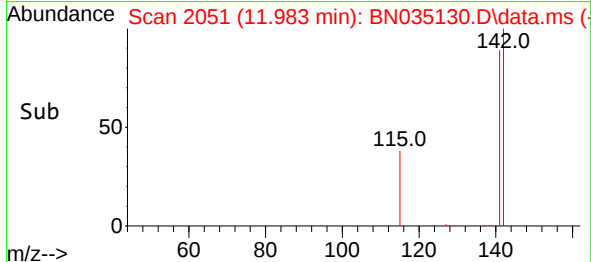
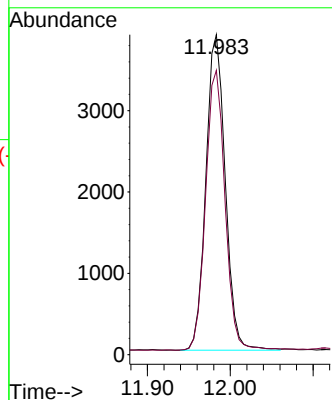
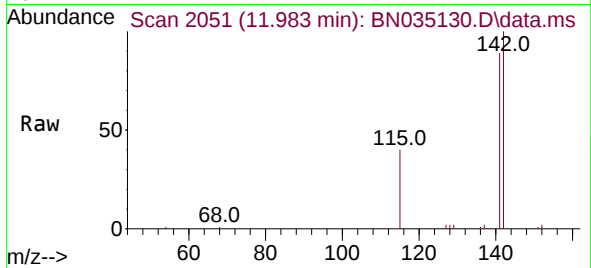




#7
2-Methylnaphthalene
Concen: 0.441 ng/ul
RT: 11.983 min Scan# 2051
Delta R.T. -0.011 min
Lab File: BN035130.D
Acq: 16 Nov 2024 06:14

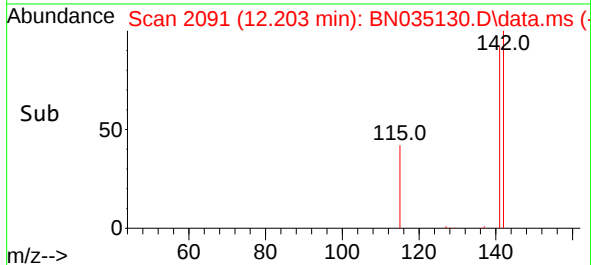
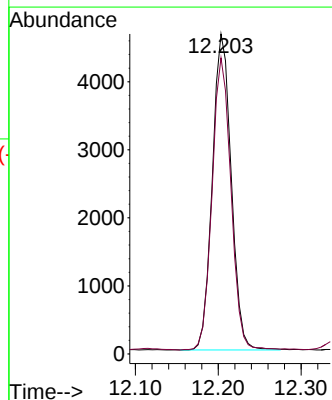
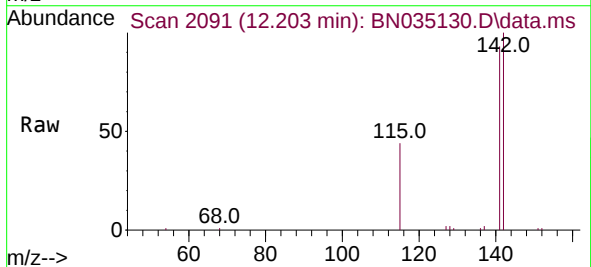
Instrument :
BNA_N
ClientSampleId :
SLCS841

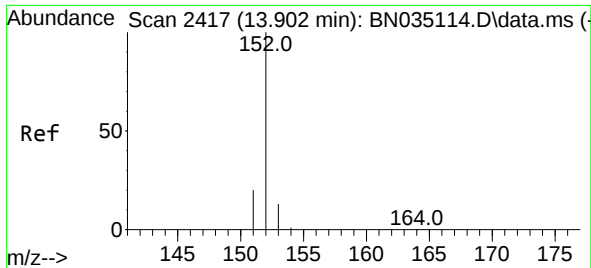
Tgt Ion:142 Resp: 6307
Ion Ratio Lower Upper
142 100
141 88.9 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.511 ng/ul
RT: 12.203 min Scan# 2091
Delta R.T. -0.011 min
Lab File: BN035130.D
Acq: 16 Nov 2024 06:14

Tgt Ion:142 Resp: 7346
Ion Ratio Lower Upper
142 100
141 92.3 74.6 111.8

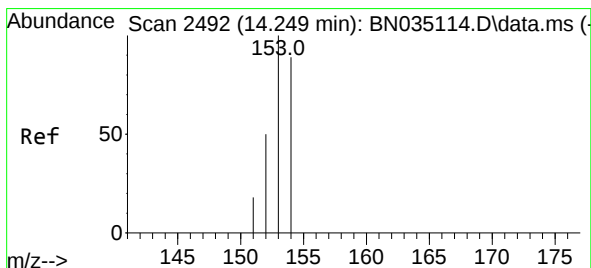
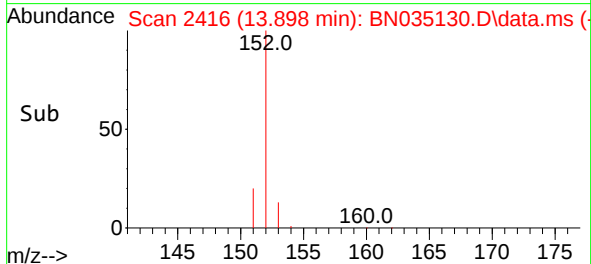
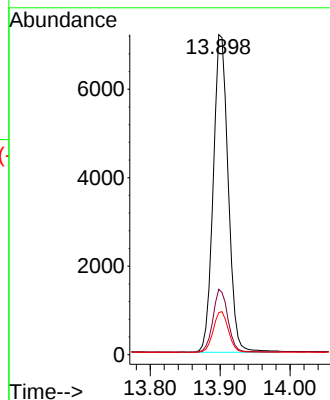
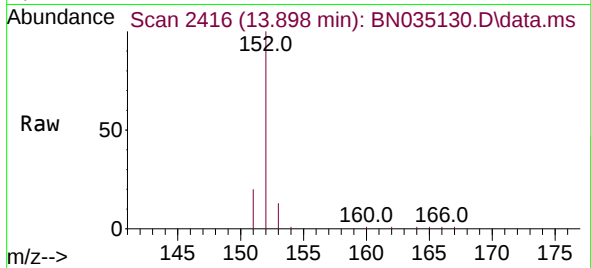




#10
Acenaphthylene
Concen: 0.418 ng/ul
RT: 13.898 min Scan# 2416
Delta R.T. -0.014 min
Lab File: BN035130.D
Acq: 16 Nov 2024 06:14

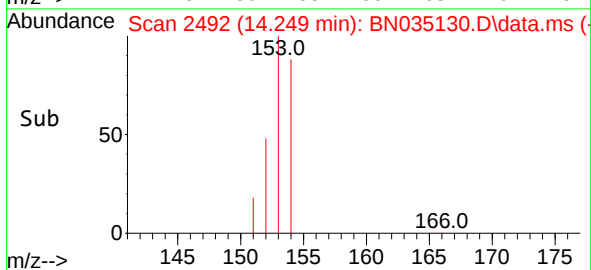
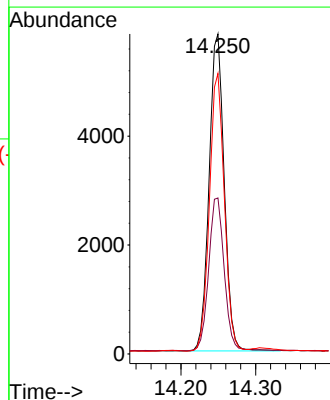
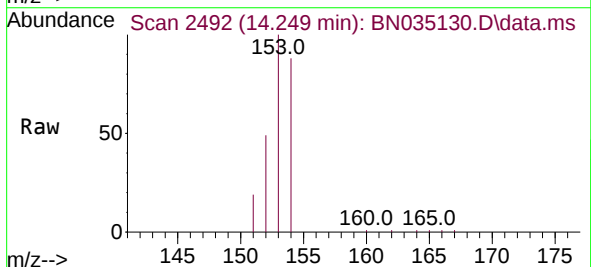
Instrument :
BNA_N
ClientSampleId :
SLCS841

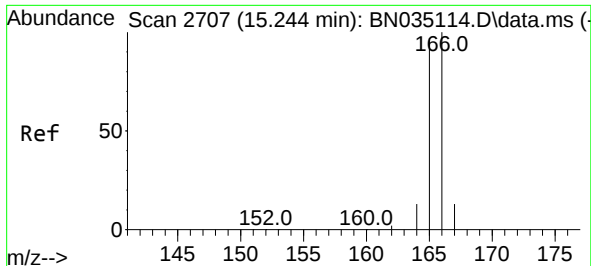
Tgt Ion:152 Resp: 10670
Ion Ratio Lower Upper
152 100
151 20.5 16.6 24.8
153 13.2 11.0 16.6



#11
Acenaphthene
Concen: 0.423 ng/ul
RT: 14.249 min Scan# 2492
Delta R.T. -0.009 min
Lab File: BN035130.D
Acq: 16 Nov 2024 06:14

Tgt Ion:153 Resp: 8187
Ion Ratio Lower Upper
153 100
152 48.8 41.5 62.3
154 87.6 70.9 106.3

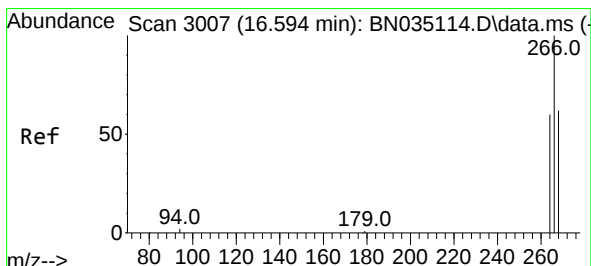
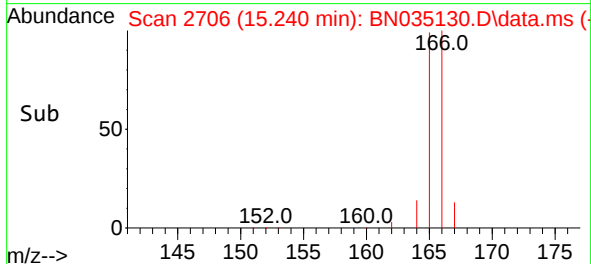
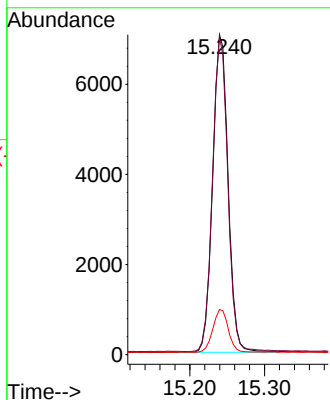
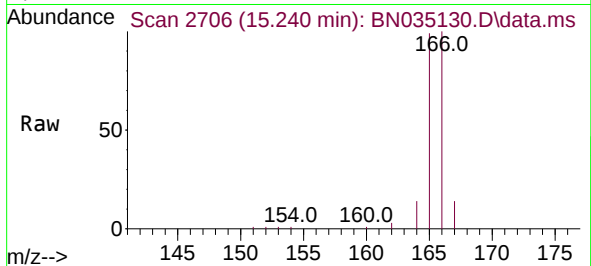




#12
Fluorene
Concen: 0.410 ng/ul
RT: 15.240 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035130.D
Acq: 16 Nov 2024 06:14

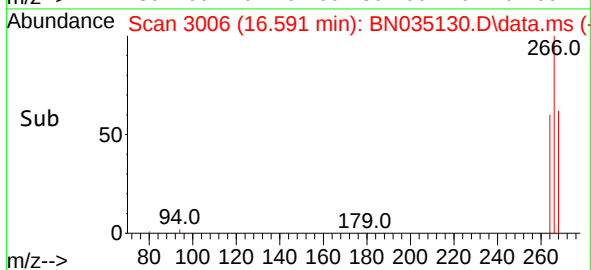
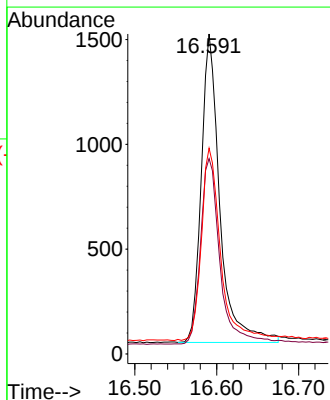
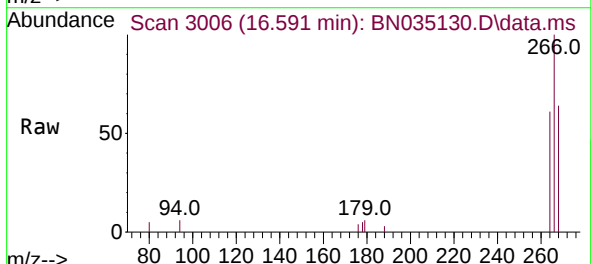
Instrument :
BNA_N
ClientSampleId :
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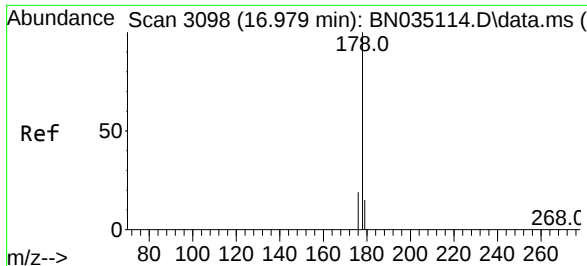
Tgt Ion:166 Resp: 10096
Ion Ratio Lower Upper
166 100
165 99.4 79.0 118.4
167 14.1 11.8 17.6



#14
Pentachlorophenol
Concen: 0.668 ng/ul
RT: 16.591 min Scan# 3006
Delta R.T. -0.004 min
Lab File: BN035130.D
Acq: 16 Nov 2024 06:14

Tgt Ion:266 Resp: 2323
Ion Ratio Lower Upper
266 100
264 62.9 50.2 75.2
268 64.5 48.4 72.6

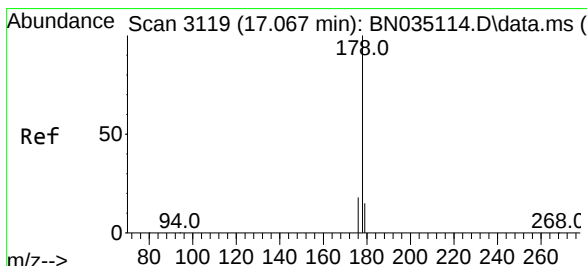
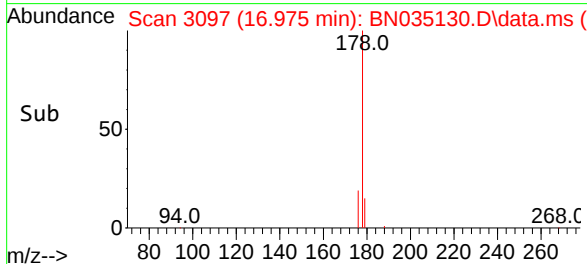
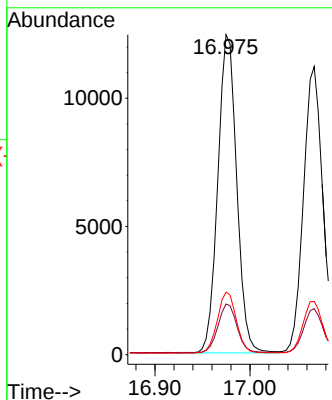
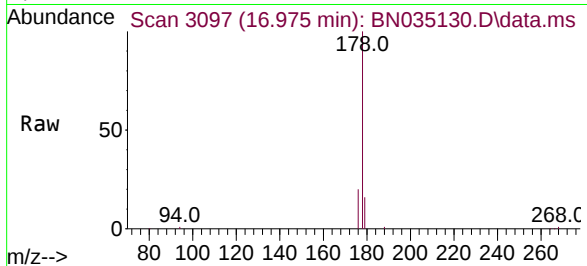




#15
Phenanthrene
Concen: 0.428 ng/ul
RT: 16.975 min Scan# 3098
Delta R.T. -0.009 min
Lab File: BN035130.D
Acq: 16 Nov 2024 06:14

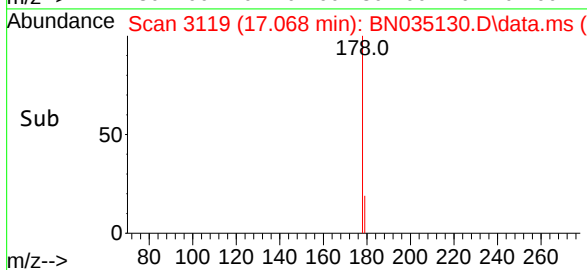
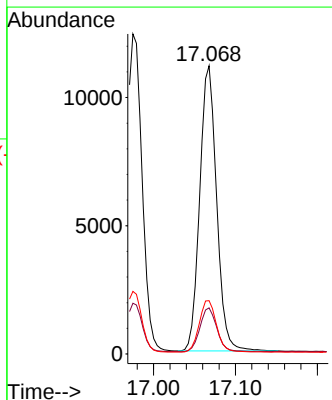
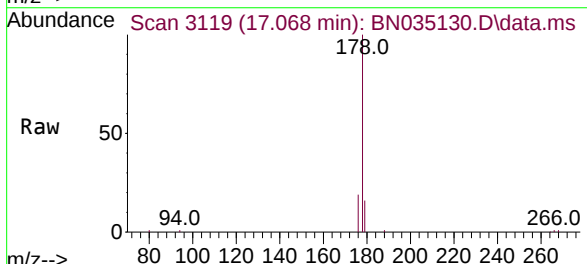
Instrument :
BNA_N
ClientSampleId :
SLCS841

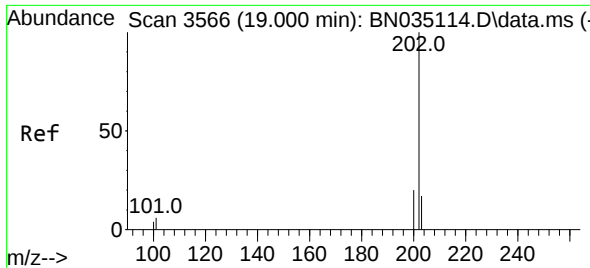
Tgt Ion:178 Resp: 17193
Ion Ratio Lower Upper
178 100
179 15.9 13.4 20.2
176 19.6 15.8 23.6



#16
Anthracene
Concen: 0.421 ng/ul
RT: 17.068 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BN035130.D
Acq: 16 Nov 2024 06:14

Tgt Ion:178 Resp: 15917
Ion Ratio Lower Upper
178 100
179 16.0 13.3 19.9
176 18.5 15.8 23.8

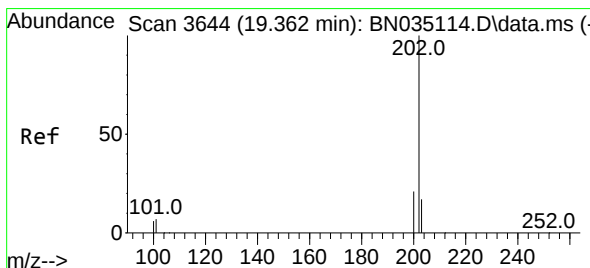
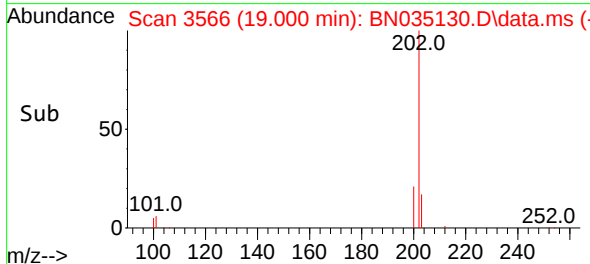
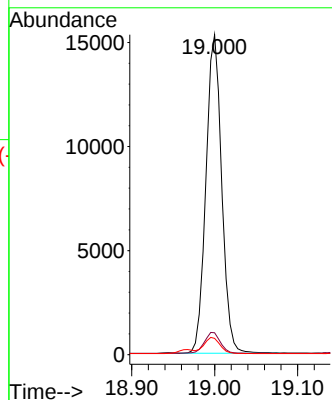
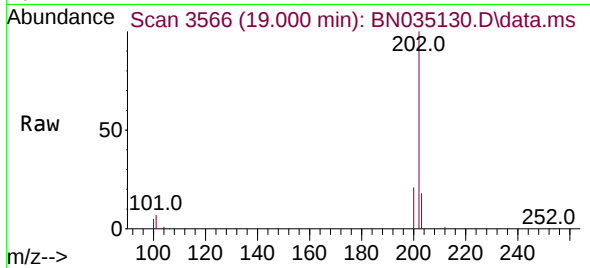




#19
Fluoranthene
Concen: 0.540 ng/ul
RT: 19.000 min Scan# 3566
Delta R.T. -0.005 min
Lab File: BN035130.D
Acq: 16 Nov 2024 06:14

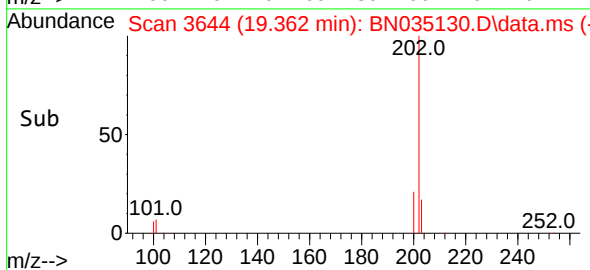
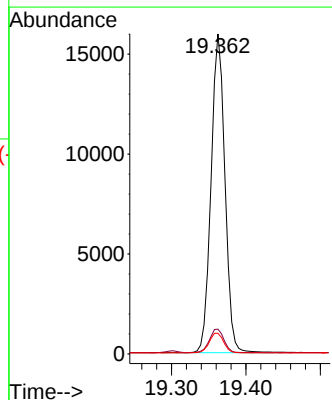
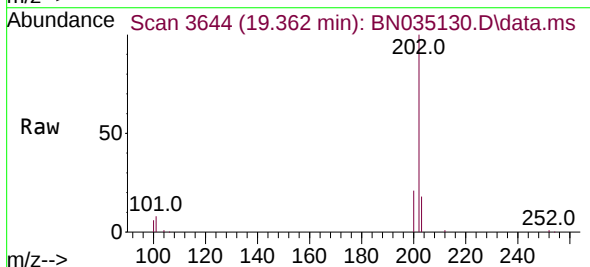
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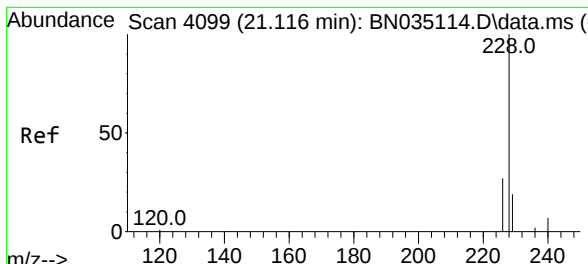
Tgt Ion:202 Resp: 20220
Ion Ratio Lower Upper
202 100
101 6.8 4.2 6.2#
100 5.1 3.2 4.8#



#20
Pyrene
Concen: 0.531 ng/ul
RT: 19.362 min Scan# 3644
Delta R.T. -0.005 min
Lab File: BN035130.D
Acq: 16 Nov 2024 06:14

Tgt Ion:202 Resp: 20624
Ion Ratio Lower Upper
202 100
101 7.8 5.0 7.4#
100 6.4 4.1 6.1#



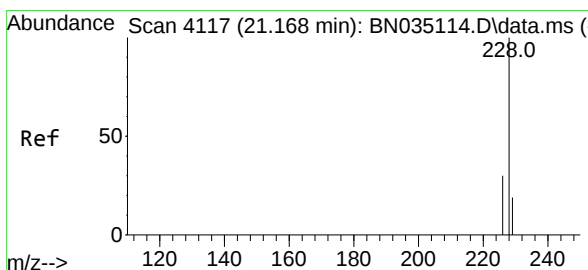
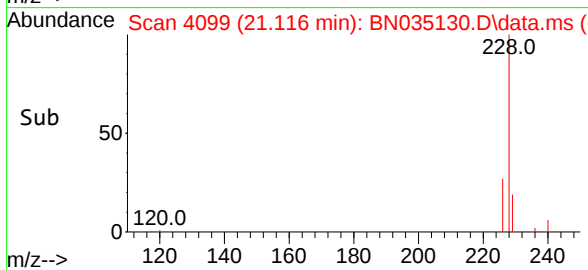
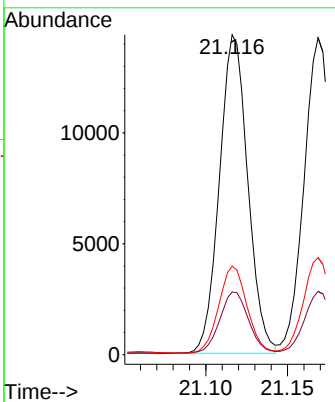
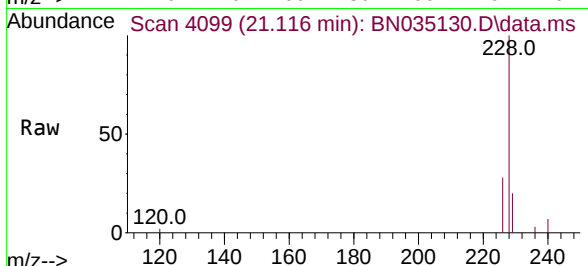


#21
 Benzo(a)anthracene
 Concen: 0.427 ng/ul
 RT: 21.116 min Scan# 4099
 Delta R.T. -0.006 min
 Lab File: BN035130.D
 Acq: 16 Nov 2024 06:14

Instrument :
 BNA_N
 ClientSampleId :
 SLCS841

Tgt Ion:228 Resp: 17350

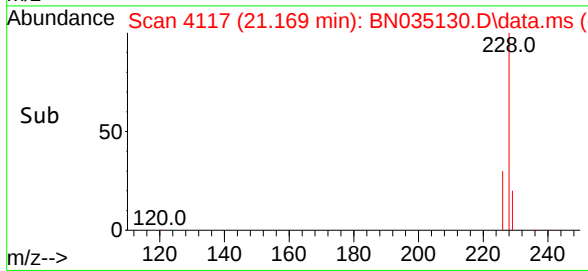
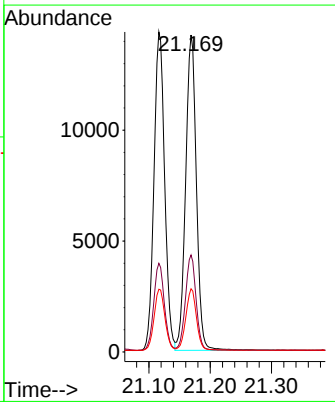
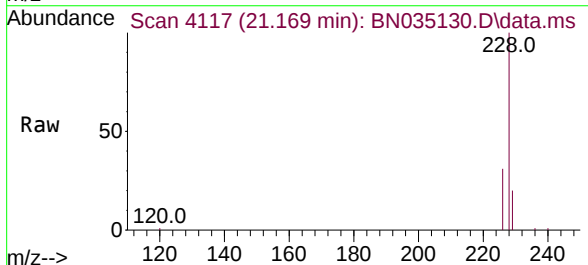
Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.8	23.8
226	27.7	22.2	33.2

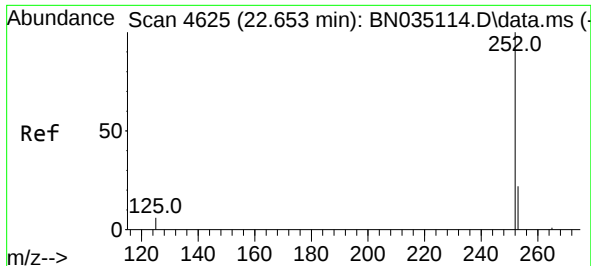


#22
 Chrysene
 Concen: 0.417 ng/ul
 RT: 21.169 min Scan# 4117
 Delta R.T. -0.003 min
 Lab File: BN035130.D
 Acq: 16 Nov 2024 06:14

Tgt Ion:228 Resp: 17288

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.4
229	19.9	15.4	23.2

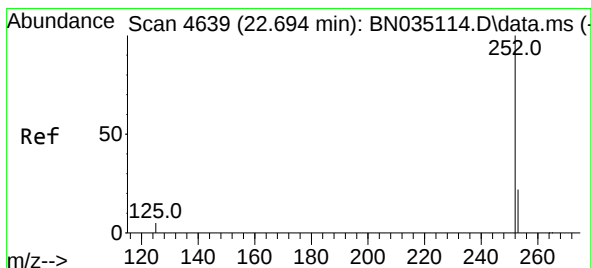
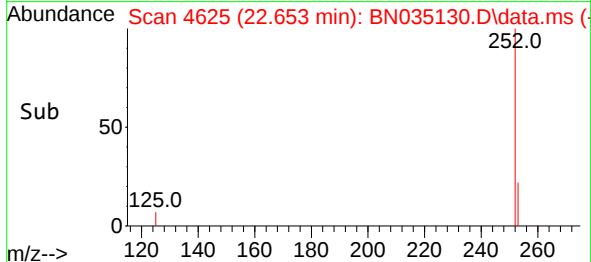
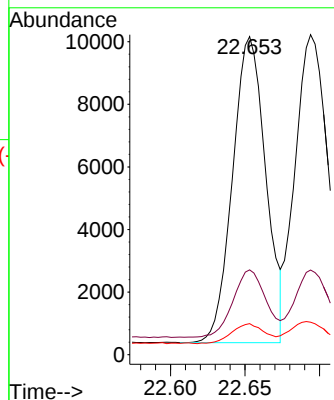
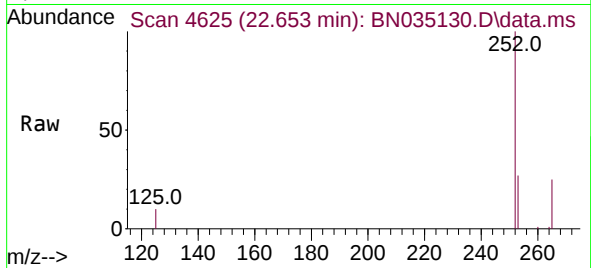




#24
Benzo(b)fluoranthene
Concen: 0.432 ng/ul
RT: 22.653 min Scan# 4625
Delta R.T. -0.003 min
Lab File: BN035130.D
Acq: 16 Nov 2024 06:14

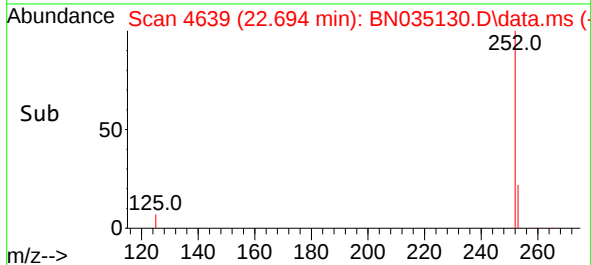
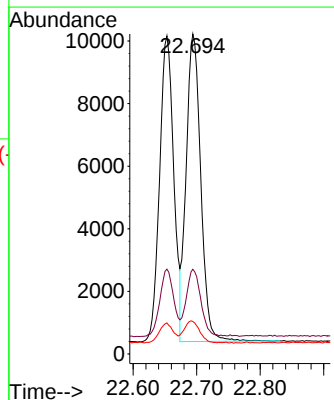
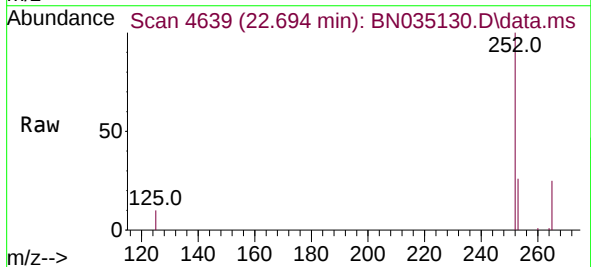
Instrument :
BNA_N
ClientSampleId :
SLCS841

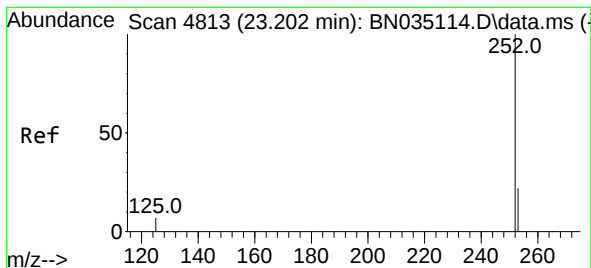
Tgt Ion:252 Resp: 15129
Ion Ratio Lower Upper
252 100
253 26.6 0.0 50.0
125 9.8 0.0 14.0



#25
Benzo(k)fluoranthene
Concen: 0.428 ng/ul
RT: 22.694 min Scan# 4639
Delta R.T. -0.003 min
Lab File: BN035130.D
Acq: 16 Nov 2024 06:14

Tgt Ion:252 Resp: 15667
Ion Ratio Lower Upper
252 100
253 26.5 20.2 30.4
125 10.2 5.8 8.8#





#26

Benzo(a)pyrene

Concen: 0.442 ng/ul

RT: 23.200 min Scan# 4813

Delta R.T. -0.006 min

Lab File: BN035130.D

Acq: 16 Nov 2024 06:14

Instrument :

BNA_N

ClientSampleId :

SLCS841

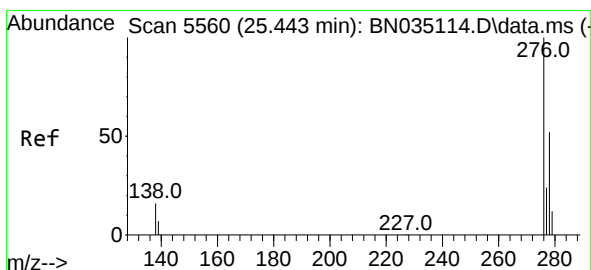
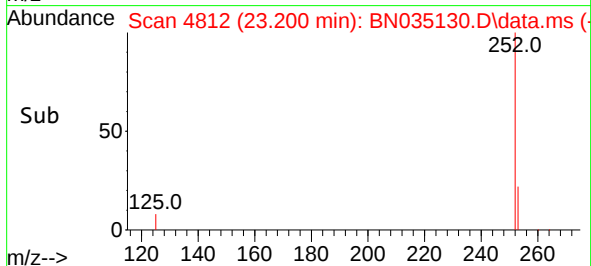
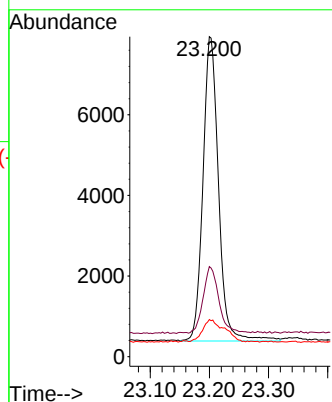
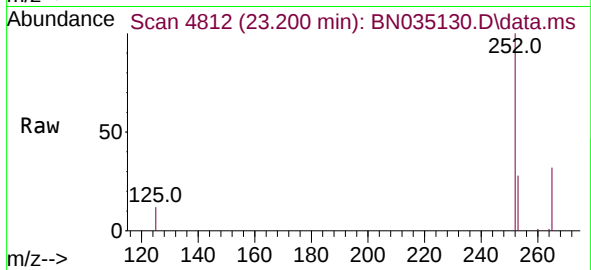
Tgt Ion:252 Resp: 13812

Ion Ratio Lower Upper

252 100

253 28.1 21.2 31.8

125 11.6 6.3 9.5#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.446 ng/ul

RT: 25.443 min Scan# 5560

Delta R.T. -0.003 min

Lab File: BN035130.D

Acq: 16 Nov 2024 06:14

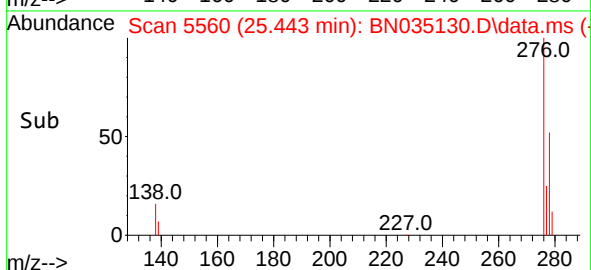
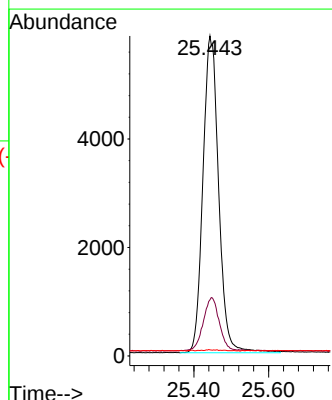
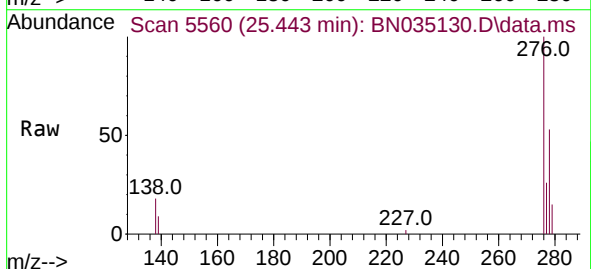
Tgt Ion:276 Resp: 17050

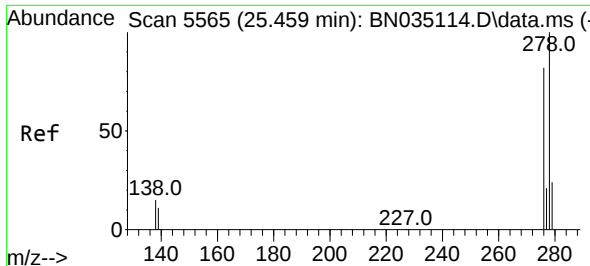
Ion Ratio Lower Upper

276 100

138 17.5 10.8 16.2#

227 0.2 0.2 0.4#

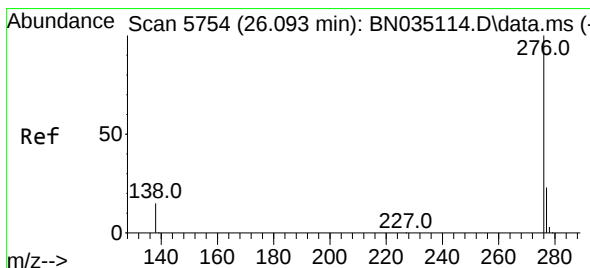
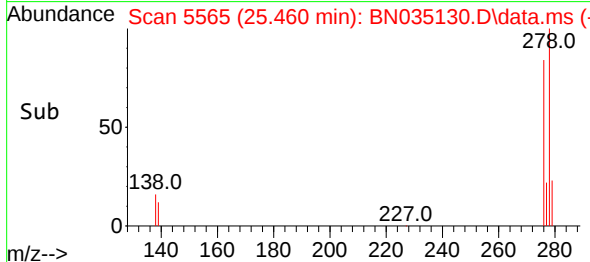
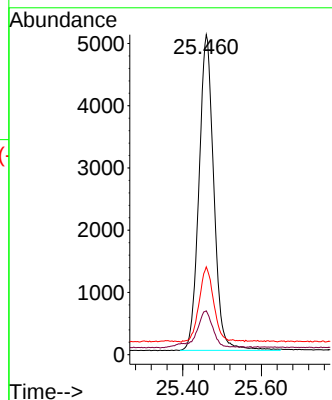
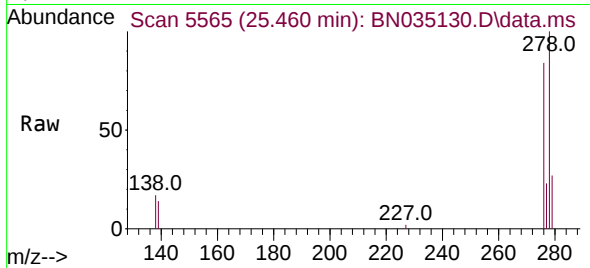




#28
 Dibenzo(a,h)anthracene
 Concen: 0.446 ng/ul
 RT: 25.460 min Scan# 51
 Delta R.T. -0.004 min
 Lab File: BN035130.D
 Acq: 16 Nov 2024 06:14

Instrument :
 BNA_N
 ClientSampleId :
 SLCS841

Tgt Ion:278 Resp: 13287
 Ion Ratio Lower Upper
 278 100
 139 13.7 8.4 12.6#
 279 27.4 21.5 32.3



#29
 Benzo(g,h,i)perylene
 Concen: 0.455 ng/ul
 RT: 26.094 min Scan# 5754
 Delta R.T. -0.004 min
 Lab File: BN035130.D
 Acq: 16 Nov 2024 06:14

Tgt Ion:276 Resp: 13296
 Ion Ratio Lower Upper
 276 100
 138 16.1 10.3 15.5#
 277 24.8 20.2 30.2

